

ABSTRACT OF THE DISCLOSURE

A dynamic flow determination apparatus dynamically determines a flow by means of an action chain in event processing performed in a distributed system. Having generality and independence of actions, event processing is executed or changed flexibly.

Parts executed in event processing are separated as actions, and definitions of event processing are defined from action parts, which are changeable. When a received message is an event object, action execution unit 14 ignites a flow control unit 20. The flow control unit 20 selects actions to be ignited from the actions stored in an agent in accordance with a type of the received event object, whereby, repeated selections, the action chain is realized .